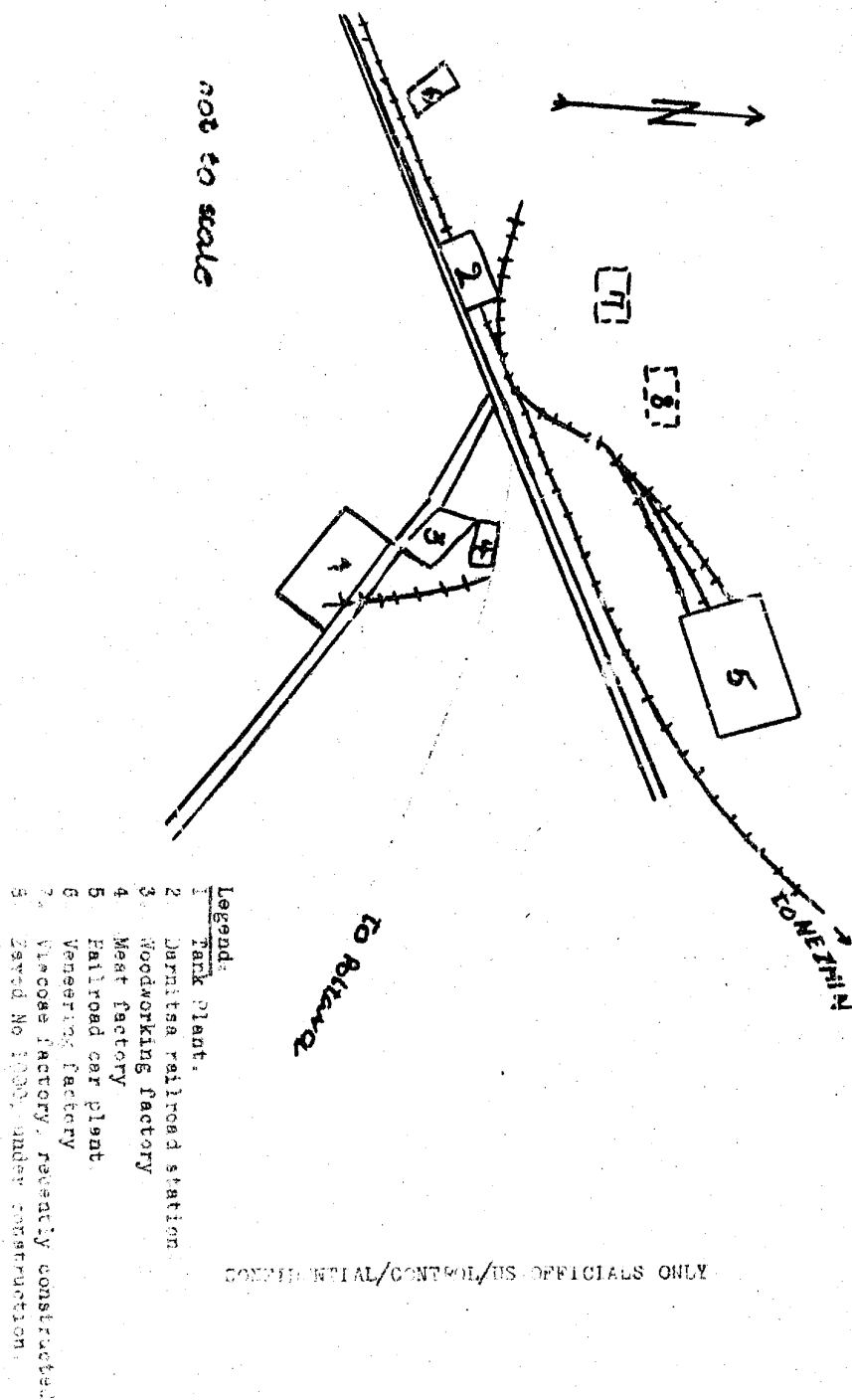


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CENTRAL INTELLIGENCE AGENCY

Annex

25X1A



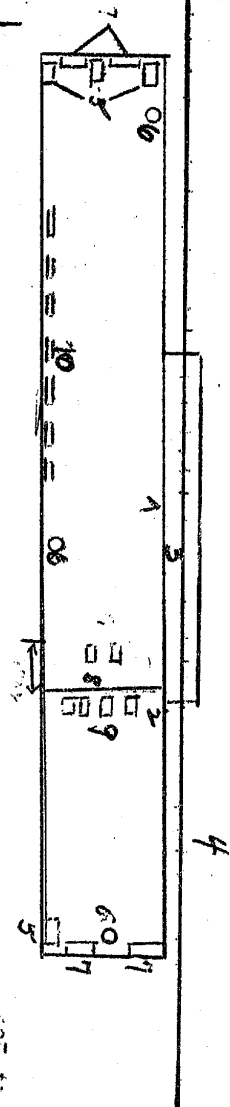
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Annex 2

Tank Plant at Kiev-Darnitsa

25X1A



Engine Shop of the Tank Plant in Kiev

11

Legend:

1. Entrance gate for tanks.
2. Small entrance.
3. Loading ramp.
4. Plant railroad.
5. Lathes.
6. Drilling machines.
7. Unidentified work benches.
8. Transverse traveling crane, movable in both directions.
9. Parking space for tanks ready to have their engines fitted in.
10. New tank engines in storage.

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Technical data on the tank produced in the Kiev Plant.

Annex 3

25X1A

1. Weight - 35 to 40 tons.
2. Length - about 6 meters, longer than the T-34.
3. Width - 2.90 meters.
4. Height - 2.50 meters.
5. Width of track - 0.60 meter.
6. Length of track - 12 meters.
7. Cruising radius - 150 km on the highway.
8. Cruising speed - 60 km per hour on the highway.
9. Turret - completely rotatable, no commander cupola.
10. Armament - long-barrel gun set on the turret center, rotatable with turret, and equipped with ball mount. The barrel was 3 to 3.5 meters long, the caliber was 76 and 85 mm. The gun was provided with muzzle brake. There were either two machine guns of about 10 mm, on the left and right or one 10 mm machine gun on the left front. The diameter of the coiled feed belt is about 40 cm. The machine guns were movable and had ball mounts. On each side of the tank was one mortar.
11. Eight-cylinder engine to be changed at discretion to Diesel or gasoline consumption.
12. Fuel consumption - 200 liters per 100 km.
13. Gear system - like the ball and socket-type gear shifting of the automobile; two reverse gear shifts and four forward gear shifts.
14. Stick control.
15. Volume of fuel tanks - one tank holding 150 liters of gasoline, one tank holding 150 liters of Diesel oil, one tank holding some liters for starting Diesel operation, and reserve tanks on both sides.
16. Armor plate - The gun shield of the turret was 120 mm thick, the lateral wall, rear wall and top of the turret were 30 mm thick.
 - a. Front armor - 30 mm.
 - b. Driver's front - 30 mm.
 - c. Lateral armor - 60 mm.
 - d. Rear armor - 15 mm.
 - e. Base plate - 15 mm.
17. Kind of armor - welded; the angle of inclination of the armor plates was 60 degrees. Turret, tank gun and machine guns are moved by hand, independently of one another.
18. The crew consists of the commander, one driver, one radio operator and one or two gunners.
19. The cooling fins of the engine were at the rear of the tank.
20. The tank could also move cross-country on rubber-lined bogie wheels without tracks.

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